

DNA GENEMAPPER ID-X ANALYSIS PARAMETERS

A. SCOPE

- A.1 The following tables list the Advanced analysis parameters which should be used when analyzing data using Genemapper ID-X

Peak Detector	Yfiler Advanced	GlobalFiler Advanced
Analysis Range	Inst. dependent	Full range
Sizing Range	Partial 75-450	Partial 60-460
Smoothing	Light	Light
Baseline Window	51	33
Calling Method	Local Southern	Local Southern
Threshold	50 RFU all colors	75 RFU all colors
Min Peak Half Width	2	2
Polynomial Degree	3	3
Peak Window Sizes	15	13
Slope/Peak start	0	0
Slope/ Peak end	0	0

Allele

Use marker specific stutter ratio if available	Checked	Checked
Cut off value		0
-A ratio	.1021	0
-A distance from to		0
Stutter ratio		0
Stutter Distance	2.25-3.75 (tri), 3.25-4.75 (tetra), 4.25-5.75 (penta)	2.25-3.75 (tri) 3.25-4.75 (tetra)
Amelogenin Cut Off	0	0

Peak Quality (*Optional Flag Settings*)

Homozygous min peak height	50	200
Heterozygous min peak height	50	75
Min Peak Height Ratio	0.6	0.65
Max Peak Width	1.5	1.5
Max Expected Alleles	2	2

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B. REFERENCES

- B.1 GeneMapper ID-X Software Reference Guide.
- B.2 GeneMapper ID-X Software Getting Started Guide.

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